CLAIMS:

1. A light-emitting device, comprising at least a substrate (1), an anode (2), a light-emitting layer (4) and a cathode (6), wherein the light-emitting layer (4) contains an iridium complex IrL_3 and wherein at least two ligands L are a dibenzoquinoline.

2. A light-emitting device as claimed in claim 1, characterized in that two ligands L are a dibenzoquinoline, and a third ligand L is selected from the following group: pentane-2,4-dionate (acac), 2,2,6,6-tetramethyl-3,5-heptane dionate (thd), 7,7-dimethyl-1,1,1,2,2,3,3-heptafluorine-4,6-octane dionate (fod), 1,1,1,5,5,5-hexafluoropentane-2,4-dionate (hfa), 4,4,4-trifluoro1-(2-thienyl)butane-1,3-dionate (ttfa), 1,3-diphenyl propane-1,3-dionate (dbm), 4,4,4-trifluorine-1-(2-naphthyl)butane-1,3-dionate (tfnb) and 4,4,4-trifluoro-1-(1-napthyl)butane-1,3-dionate.

3. A light-emitting device as claimed in claim 1, characterized in that all the ligands L are dibenzoquinolines.

4. A light-emitting device as claimed in any one of the claims 1 to 3, characterized in that the dibenzoquinoline is dibenzo[f,h]quinoline.

5. A light-emitting device as claimed in claim 2, characterized in that two of the ligands L are dibenzo[f,h]quinoline, and one of the ligands L is pentane-2,4-dionate (acac).

6. A light-emitting device as claimed in claim 1, characterized in that the light-emitting layer (4) contains further light-emitting materials.

7. A light-emitting device as claimed in claim 7, characterized in that the further light-emitting material is a further iridium complex.

8. An iridium complex IrL_3 in which at least two ligands L are dibenzoquinolines.

9. Ir(dibenzo[f,h]quinoline)$_2$(pentane-2,4-dionate).

10. Ir(dibenzo[f,h]quinoline)$_3$.